**Project work Diary**

Date:04/12/2019

# Tasks

* After I created the various virtual networks and viewed traffic control todays task is to create a learning switch using a different python based SDN controller called POX.
* I have run some example code provided by mininet to use this SDN to act like a HUB
* The next task is to edit the code to act as a switch.

# Reflection

* I needed to install an IDE to edit this code as the text editors provided were not good.
* I opted to use Thonny as I am using python code, and this is a lightweight and good IDE for debugging.
* Installing this proved to be very difficult as the usual commands for installing packages on Linux (sudo apt-get install or pip3 install) did not work.
* I have also tried other IDE’s, and none seemed to have worked.

# Issues:

*Software:*

* Installing an IDE to edit and create new code.

# Solutions

*Software:*

* I eventually was able to install a portable version of Thonny by downloading a tar.gz file and running the execution code.